

Answers to Classwork – Interpreting Graphs

1. $f(-4) = 3$

2. $f(-2) = 0$

3. $f(0) = 3$

4. $f(2) = -4$

5. $f(4) = 1$

6. $g(-5) = -2$

7. Yes, it is a function

8. Yes, it is a function

9. No, it is not a function

10. No, it is not a function

11. Yes, it is a function

12. Yes, it is a function

13. $Domain = (-\infty, \infty)$
 $Range = [-4, \infty)$

14. $Domain = (-\infty, \infty)$
 $Range = (-\infty, \infty)$

15. $Domain = (-\infty, \infty)$

$Range = (-\infty, 0]$

16. $Domain = (-\infty, \infty)$

$Range = (-\infty, \infty)$

17. $Domain = (-\infty, \infty)$

$Range = (-\infty, 4]$

18. $Domain = [-3, 3]$

$Range = [-1, 2]$

19. $Domain = (-\infty, \infty)$

$Range = [-1] \cup [0, \infty)$

20. $Domain = (-\infty, \infty)$

$Range = (-\infty, 2] \cup [4]$

21. $Domain = (-\infty, \infty)$

$Range = (-\infty, 2) \cup (2, \infty)$